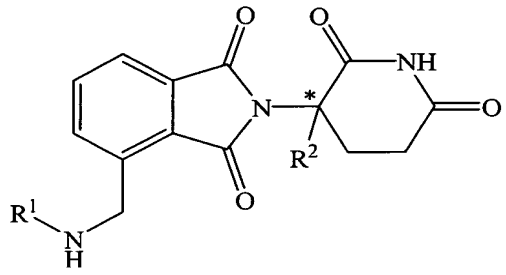
Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-9. (Canceled).

10. (Previously presented) A compound having the formula:



wherein:

R^1 is H, $(C_1–C_8)$alkyl, $(C_3–C_7)$cycloalkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl, $C(O)R^3$, $C(S)R^3$, $C(O)OR^4$, $(C_1–C_8)$alkyl–$N(R^6)_2$, $(C_1–C_8)$alkyl–OR^5, $(C_1–C_8)$alkyl–$C(O)OR^5$, $C(O)NHR^3$, $C(S)NHR^3$, $C(O)NR^3R^{3'}$, $C(S)NR^3R^{3'}$ or $(C_1–C_8)$alkyl–$O(CO)R^5$;

R^2 is H or $(C_1–C_8)$alkyl;

R^3 and $R^{3'}$ are independently $(C_1–C_8)$alkyl, $(C_3–C_7)$cycloalkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl, $(C_0–C_8)$alkyl–$N(R^6)_2$, $(C_1–C_8)$alkyl–OR^5, $(C_1–C_8)$alkyl–$C(O)OR^5$, $(C_1–C_8)$alkyl–$O(CO)R^5$, or $C(O)OR^5$;

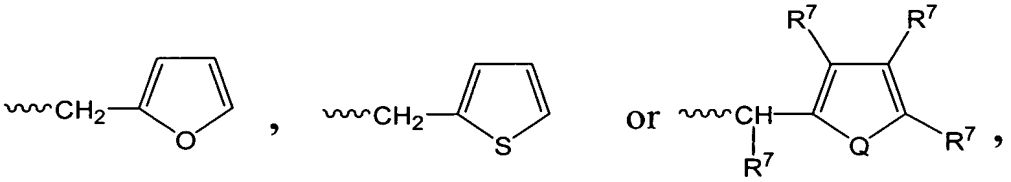
R^4 is $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, $(C_1–C_4)$alkyl–OR^5, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, or $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl;

R^5 is $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, or $(C_2–C_5)$heteroaryl;

each occurrence of R^6 is independently H, $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_2–C_5)$heteroaryl, or $(C_0–C_8)$alkyl–$C(O)O–R^5$ or the R^6 groups can join to form a heterocycloalkyl group; and

the * represents a chiral-carbon center.

11. (Original) A compound of claim 10, wherein R^1 is H, $(C_1$-$C_4)$alkyl, CH_2OCH_3, $CH_2CH_2OCH_3$, or

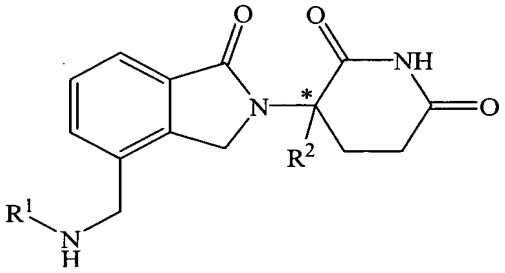


wherein Q is O or S, and each occurrence of R^7 is independently H,$(C_1$–$C_8)$alkyl, $(C_3$–$C_7)$cycloalkyl, $(C_2$–$C_8)$alkenyl, $(C_2$–$C_8)$alkynyl, benzyl, aryl, halogen, $(C_0$–$C_4)$alkyl–$(C_1$–$C_6)$heterocycloalkyl, $(C_0$–$C_4)$alkyl–$(C_2$–$C_5)$heteroaryl, $(C_0$–$C_8)$alkyl–$N(R^6)_2$, $(C_1$–$C_8)$alkyl–OR^5, $(C_1$–$C_8)$alkyl–$C(O)OR^5$, $(C_1$–$C_8)$alkyl–$O(CO)R^5$, or $C(O)OR^5$, or adjacent occurrences of R^7 can be taken together to form a bicyclic alkyl or aryl ring.

12. (Original) A compound of claim 10, wherein R^1 is $C(O)R^3$.

13. (Original) A compound of claim 10, wherein R^1 is $C(O)OR^4$.

14. (Previously presented) A compound having the formula:



wherein:

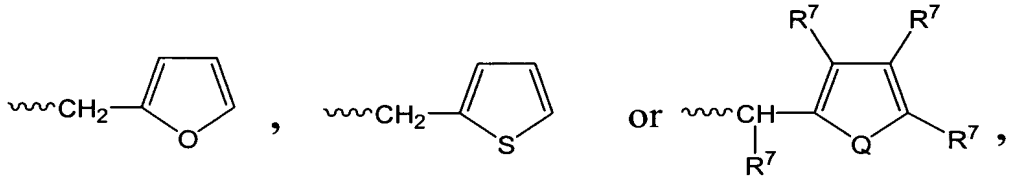
R^1 is H, $(C_1$–$C_8)$alkyl, $(C_3$–$C_7)$cycloalkyl, $(C_2$–$C_8)$alkenyl, $(C_2$–$C_8)$alkynyl, benzyl, aryl, $(C_0$–$C_4)$alkyl–$(C_1$–$C_6)$heterocycloalkyl, $(C_0$–$C_4)$alkyl–$(C_2$–$C_5)$heteroaryl, $C(O)R^3$, $C(S)R^3$, $C(O)OR^4$, $(C_1$–$C_8)$alkyl–$N(R^6)_2$, $(C_1$–$C_8)$alkyl–OR^5, $(C_1$–$C_8)$alkyl–$C(O)OR^5$, $C(O)NHR^3$, $C(S)NHR^3$, $C(O)NR^3R^{3'}$, $C(S)NR^3R^{3'}$ or $(C_1$–$C_8)$alkyl–$O(CO)R^5$;

R^2 is H or $(C_1$–$C_8)$alkyl;

R^3 and $R^{3'}$ are independently $(C_1$–$C_8)$alkyl, $(C_3$–$C_7)$cycloalkyl, $(C_2$–$C_8)$alkenyl, $(C_2$–$C_8)$alkynyl, benzyl, aryl, $(C_0$–$C_4)$alkyl–$(C_1$–$C_6)$heterocycloalkyl, $(C_0$–$C_4)$alkyl–$(C_2$–$C_5)$heteroaryl, $(C_0$–$C_8)$alkyl–$N(R^6)_2$, $(C_1$–$C_8)$alkyl–OR^5, $(C_1$–$C_8)$alkyl–$C(O)OR^5$, $(C_1$–$C_8)$alkyl–$O(CO)R^5$, or $C(O)OR^5$;

R^4 is $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, $(C_1–C_4)$alkyl–OR^5, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, or $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl;
R^5 is $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, or $(C_2–C_5)$heteroaryl;
each occurrence of R^6 is independently H, $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_2–C_5)$heteroaryl, or $(C_0–C_8)$alkyl–C(O)O–R^5 or the R^6 groups can join to form a heterocycloalkyl group; and
the * represents a chiral-carbon center.

15. (Original) A compound of claim 14, wherein R^1 is H, $(C_1$-$C_4)$alkyl, CH_2OCH_3, $CH_2CH_2OCH_3$, or

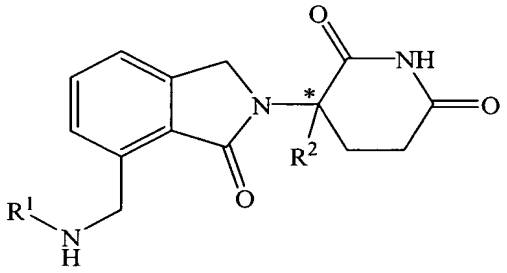


wherein Q is O or S, and each occurrence of R^7 is independently H,$(C_1–C_8)$alkyl, $(C_3–C_7)$cycloalkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, halogen, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl, $(C_0–C_8)$alkyl–$N(R^6)_2$, $(C_1–C_8)$alkyl–OR^5, $(C_1–C_8)$alkyl–C(O)OR^5, $(C_1–C_8)$alkyl–O(CO)R^5, or C(O)OR^5, or adjacent occurrences of R^7 can be taken together to form a bicyclic alkyl or aryl ring.

16. (Original) A compound of claim 14, wherein R^1 is C(O)R^3.

17. (Original) A compound of claim 14, wherein R^1 is C(O)OR^4.

18. (Previously presented) A compound having the formula:



wherein:

R^1 is H, $(C_1–C_8)$alkyl, $(C_3–C_7)$cycloalkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl, $C(O)R^3$, $C(S)R^3$, $C(O)OR^4$, $(C_1–C_8)$alkyl–$N(R^6)_2$, $(C_1–C_8)$alkyl–OR^5, $(C_1–C_8)$alkyl–$C(O)OR^5$, $C(O)NHR^3$, $C(S)NHR^3$, $C(O)NR^3R^{3'}$, $C(S)NR^3R^{3'}$ or $(C_1–C_8)$alkyl–$O(CO)R^5$;

R^2 is H or $(C_1–C_8)$alkyl;

R^3 and $R^{3'}$ are independently $(C_1–C_8)$alkyl, $(C_3–C_7)$cycloalkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl, $(C_0–C_8)$alkyl–$N(R^6)_2$, $(C_1–C_8)$alkyl–OR^5, $(C_1–C_8)$alkyl–$C(O)OR^5$, $(C_1–C_8)$alkyl–$O(CO)R^5$, or $C(O)OR^5$;

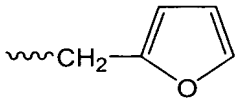
R^4 is $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, $(C_1–C_4)$alkyl–OR^5, benzyl, aryl, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, or $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl;

R^5 is $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, or $(C_2–C_5)$heteroaryl;

each occurrence of R^6 is independently H, $(C_1–C_8)$alkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, $(C_2–C_5)$heteroaryl, or $(C_0–C_8)$alkyl–$C(O)O–R^5$ or the R^6 groups can join to form a heterocycloalkyl group; and

the * represents a chiral-carbon center.

19. (Original) A compound of claim 18, wherein R^1 is H, $(C_1$-$C_4)$alkyl, CH_2OCH_3, $CH_2CH_2OCH_3$ or



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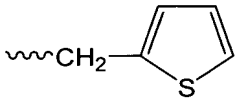
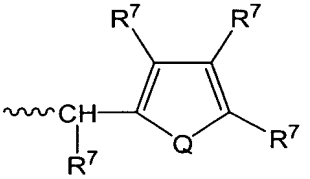


or


,

wherein Q is O or S, and each occurrence of R^7 is independently H,$(C_1–C_8)$alkyl, $(C_3–C_7)$cycloalkyl, $(C_2–C_8)$alkenyl, $(C_2–C_8)$alkynyl, benzyl, aryl, halogen, $(C_0–C_4)$alkyl–$(C_1–C_6)$heterocycloalkyl, $(C_0–C_4)$alkyl–$(C_2–C_5)$heteroaryl, $(C_0–C_8)$alkyl–$N(R^6)_2$, $(C_1–C_8)$alkyl–OR^5, $(C_1–C_8)$alkyl–$C(O)OR^5$, $(C_1–C_8)$alkyl–$O(CO)R^5$, or $C(O)OR^5$, or adjacent occurrences of R^7 can be taken together to form a bicyclic alkyl or aryl ring.

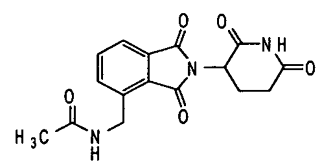
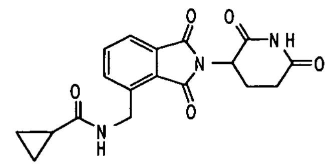
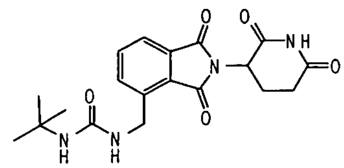
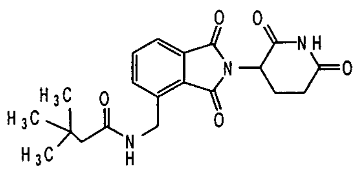
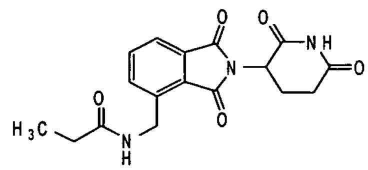
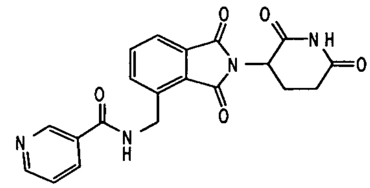
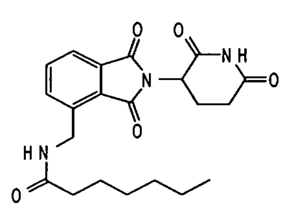
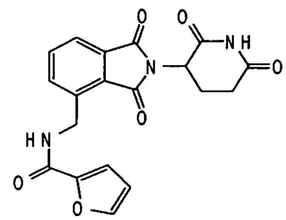
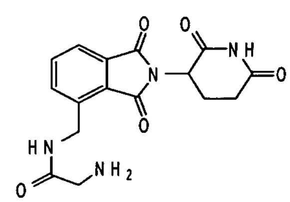
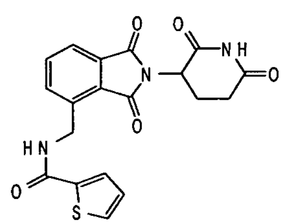
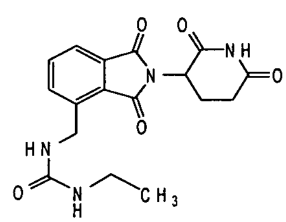
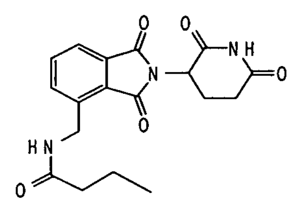
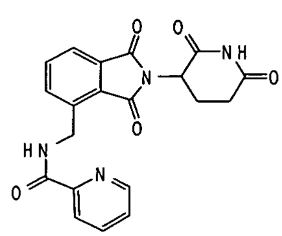
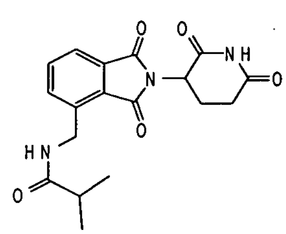
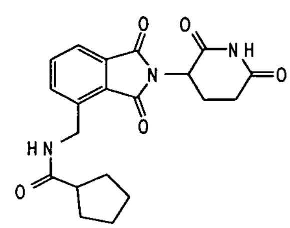
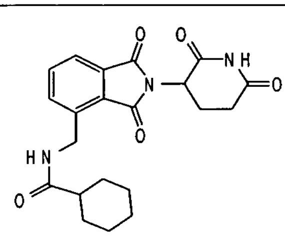
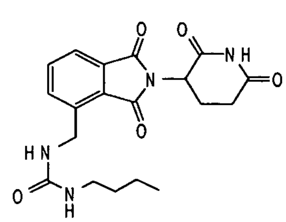
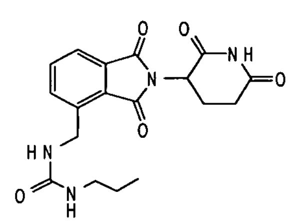
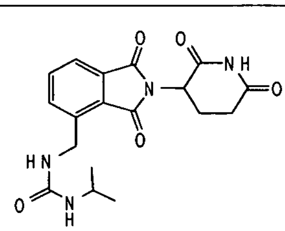
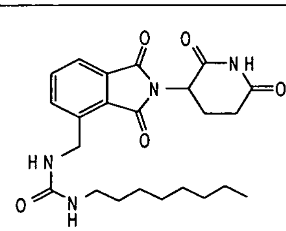
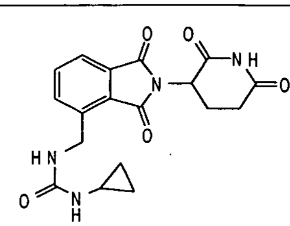
20. (Original) A compound of claim 18, wherein R^1 is $C(O)R^3$.

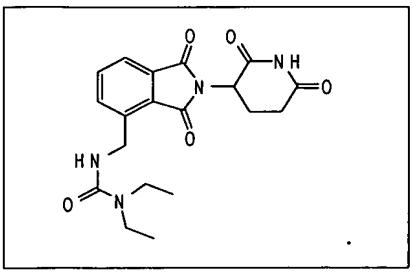
21. (Original) A compound of claim 18, wherein R^1 is $C(O)OR^4$.

22-100. (Canceled).

101. (Currently amended) A compound of claim 10, which is: ~~N-[2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-duhydro-1H-isoindol-4-yl-methyl]-acetamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}cyclopropyl-carboxamide; 1-tert-butyl-3-[2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-ylmethyl]-urea; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-3,3-dimethylbutanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-propanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-3-pyridylcarboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}heptanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-2-furylcarboxamide; 2-amino-N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}acetamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-2-thienylcarboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoindolin-4yl]methyl}(ethylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}butanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-2-pyridylcarboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}undecamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}2-methylpropanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}cyclopentylcarboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}cyclohexylcarboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(butylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(propylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}[(methylethylamino)]carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(octylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(cyclopropylamino)carboxamide; or N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(diethylamino)carboxamide.~~

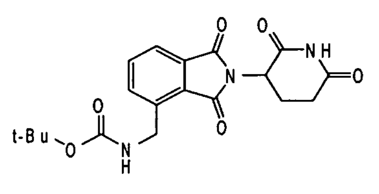
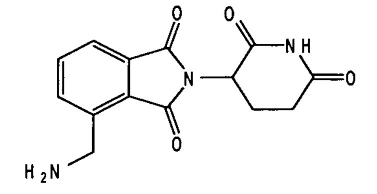
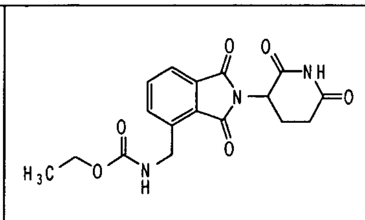
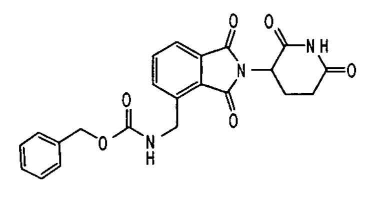
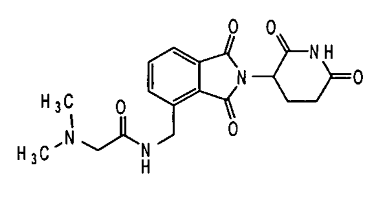
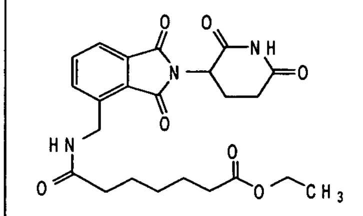
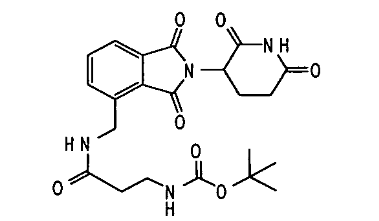
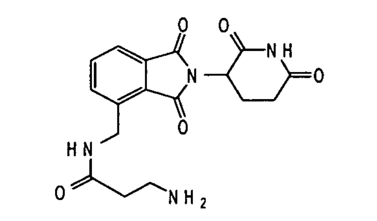
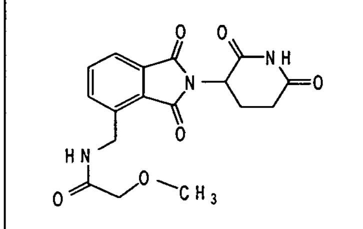
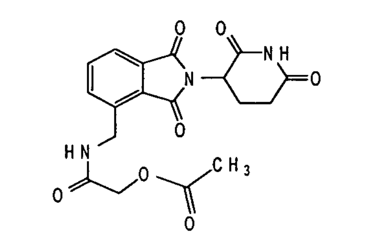
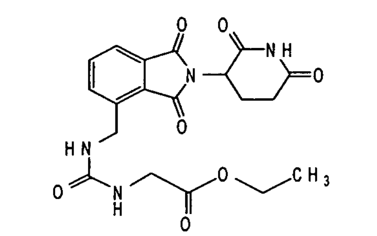
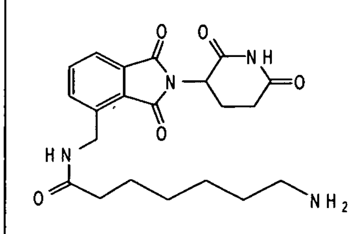
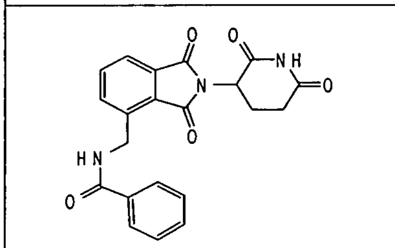
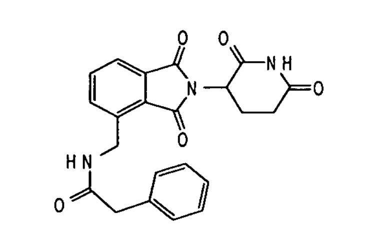
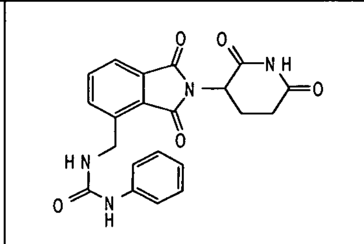
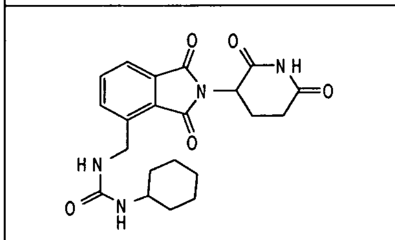
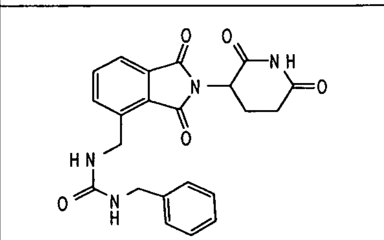
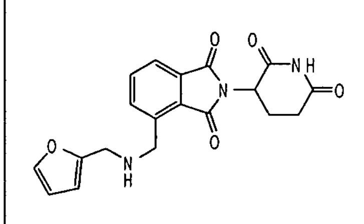
(Claim 101 continued on next page)

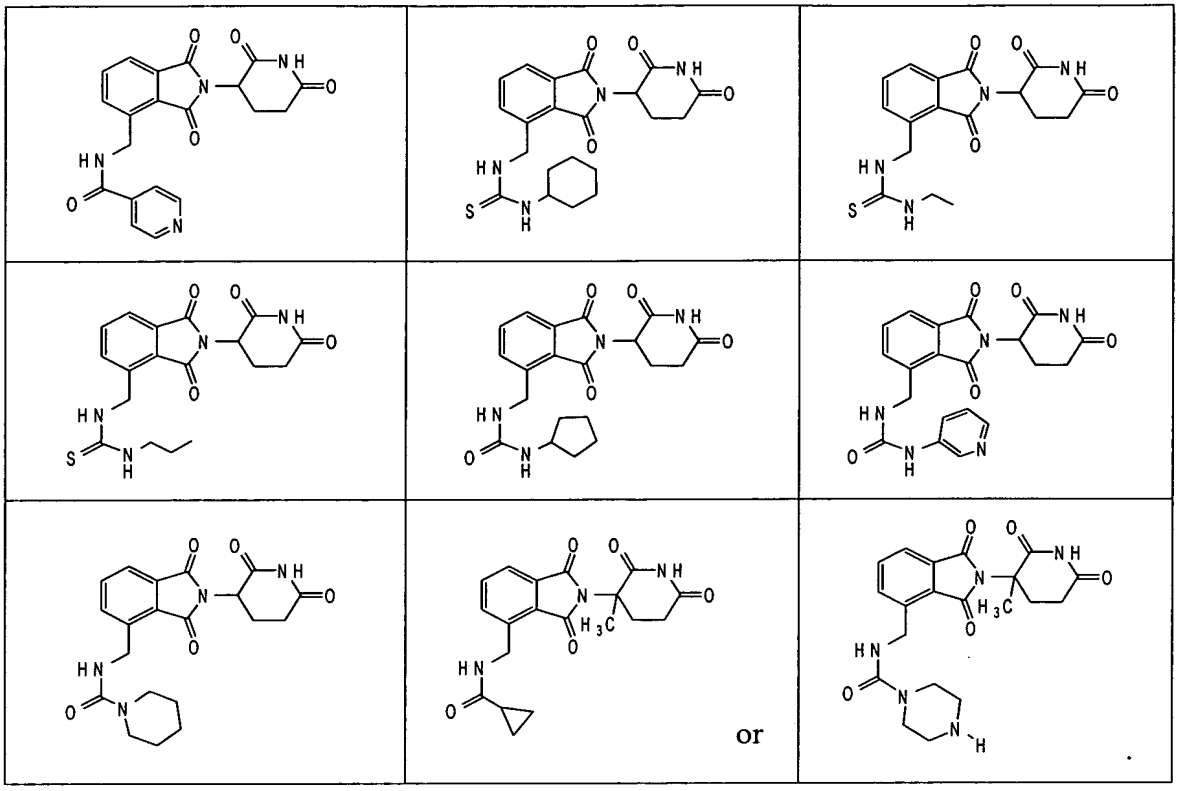
		
		
		
		
		
		
		 or



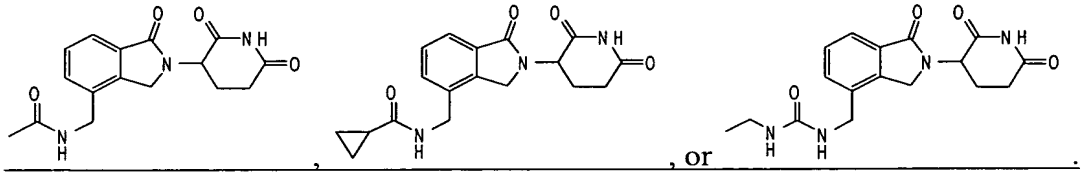
102. (Currently amended) A compound of claim 10, which is: ~~[2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid tert-butyl ester; 4-(aminomethyl)-2-(2,6-dioxo(3-Piperidyl))-isoindoline-1,3-dione; [2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid ethyl ester; [2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid benzyl ester; 2-(dimethylamino)-N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}acetamide; ethyl 6-(3N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}carbamoyl)hexanoate; 3-[(tert-butoxy)carbonylaminol-N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}propanamide; 3-amino-N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}propanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}-2-methoxyacetamide; (N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}carbamoyl)methyl acetate; ethyl 2-[N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}carbamoyl)amino]acetate; 7-amino-N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}heptanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}benzamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}phenylacetamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(phenylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(benzylamino)carboxamide, 2-(2,6-dioxo-piperidin-3-yl)-4-{[(furan-2-ylmethyl)-amino-methyl}-isoindole-1,3-dione; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxo-2,3-dihydro-1H-isoindol-4-ylmethyl]-isonicotinamide; 2-(2,6-dioxo(3-piperidyl))-4-({[(cyclohexylamino)thioxomethyl]amino}methyl)isoindole-1,3-dione; 2-(2,6-dioxo(3-piperidyl))-4-({[(ethylamino)thioxomethyl]amino}methyl)isoindole-1,3-dione; 2-(2,6-dioxo(3-piperidyl))-4-({[(propylamino)thioxomethyl]amino}-methyl)isoindole-1,3-dione; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}(cyclopentylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-~~

~~dioxoisoindolin-4-yl]methyl}(3-pyridylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}piperidylcarboxamide; or piperazine-1-carboxylic acid [2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-ylmethyl]-amide.~~



103. (Currently amended) A compound of claim 14, which is: ~~N-[2-(2,6-dioxo-piperidin-3-yl)-1-oxo-2,3-dihydro-1H-isoindol-4-ylmethyl]-acetamide; N-{[2-(2,6-dioxo(3-piperidyl))-1-oxoisoindolin-4-yl]methyl}cyclopropylcarboxamide; or N-{[2-(2,6-dioxo(3-piperidyl))-1-oxoisoindolin-4-yl]methyl}(ethylamino)carboxamide.~~



104-105. (Canceled)